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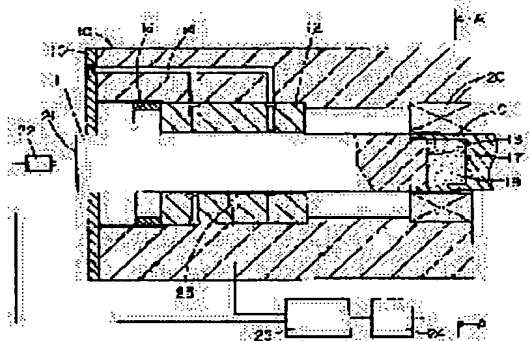
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(54) UNBALANCE CORRECTING DEVICE

(57)Abstract:

PURPOSE: To correct the unbalance of a spindle in a spindle device.
CONSTITUTION: There are provided detecting means 21-23 for detecting the angle and oscillation of a rotating spindle, and on the basis of the detection value thereof, a corrected position and correction quantity for dissolving the unbalance of a spindle 11 is computed at a control device 25. On the basis of the computed result, an electromagnet in the computed corrected position out of plural electromagnets 20 provided around the spindle 11 is magnetized, and the electromagnets 20 are magnetized as magnetic force continuation means in turn synchronously with the spindle 11 so as to attract a magnetic fluid 18 out of a mixed fluid in the spindle 11 to adjust the balance of the spindle 11.



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